

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years experience working as Design Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/09/1990  
Gender : Male  
Marital Status : Single  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2012

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Autodesk Revit MEP  
: Autodesk AutoCAD  
: DIALUX Design  
: PLC Programming

## TRAINING COURSES AND CERTIFICATIONS

- : Electrical Distribution Course from Cairo University (Nov. 2011).
- : ICDL Certificate, UNESCO from Ministry of Communication.
- : Autodesk Revit MEP, MTC Center, certificated from Autodesk (May 2014).
- : Autodesk AutoCAD at Faculty of Engineering, Cairo University (Nov. 2011).
- : DIALUX Design (Self Study).
- : Ecodial Program (Self Study).
- : PLC
- : Trainings at:
  - Sugar Company and Integrated Industries (Complex electrical panels) (Aug./Sep. 2009).
  - Ministry of Military Production (99 Factory) (Jul./Aug. 2010).

- Cairo Electricity Company (Station North of Cairo) (from Jul. till Sep. 2011).
- Saudi Egyptian Construction (Secon) (from Aug. till Dec. 2012).

## CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : Engineering Consultants Group (ECG)
- Projects** :
- Al-Sadd Health Center:
    - Al-Sadd HWC is part of an integrated healthcare system that will provide general and area of about 48,000m2, with a total built-up area of about 16,700m2. It consists of general medicine, maternity/pediatric medicine, family medicine, and dental departments, as well as a wellness center, along with audiology, ENT, ophthalmology, and specialist investigation sections.
  - School Campus in Al-Safaa District of Jeddah:
    - Over a land area of approximately 12,933 m2 and with a total BUA of approximately 8,900 m2 (G + 1 + 2), along with a 6,467 m2 basement, the school comprises facilities serving female and male students (KG to Grade 12), including amenities and support and administrative areas.
  - School Campus in Al-Muhammdiyah District of Jeddah:
    - The campus has a total BUA of approximately 22,000 m2 (G + 1 + 2), in addition to a 15,000 m2 basement. The school's land area is approximately 32,000 m2 and comprises facilities serving male and female students (KG to Grade 12), together with amenities and support and administrative areas.
  - Culture Village Hotel (Dubai):
    - With a total built-up area of 17,143 m2, the four-star hotel consists of a three- level basement, ground floor, first floor, and 10 typical floors, as well as a roof. The design is based on engineering requirements of high standards.
  - EL MASA Project (New Administrative City) (Egypt):
    - The client is developing approximately 25 feddans located at the New Capital. The aim of the development is to construct a high-end, luxurious hotel. The project comprises hotel buildings, chalets, day-use villas, and a golf course.
  - Mixed-use project: FOUR SEASONS FIVE-STAR HOTEL:
    - The mixed-use development has a total built-up area of 225,000 m2. It consists of A hotel (54,668 m2), branded apartments in the SE Tower (15,098 m2), branded apartments in the SW Tower (15,160 m2), branded apartments in the NW Tower (8,002 m2), retail units (35,184 m2), parking area (52,307 m2), and mechanical & refuge floor (14,480 m2).
  - SOUTHERN AFRICA TRADE AND TRANSPORT FACILITATION BORDER POST PROJECT (SATTFP):
    - Consulting services included a feasibility study, environmental and social impact assessment, detailed design, preparation of tender documents, and supervision of the construction of a One-Stop Border Post (OSBP) at Songwe-Kasumulu (Tanzania) leading to Malawi.
  - EXPANSION OF UMM AL-QURA UNIVERSITY ACADEMIC SPINE:
    - The university is built on a plot area of 1,500,000 m2, with a total

footprint area of 100,000 m2. The project comprises new academic buildings (built-up area of 155,000 m2), extensions to existing academic buildings (built-up area of 74,000 m2), and non-academic buildings (built-up area of 139,000 m2).

- DESIGN CONSULTANCY SERVICES FOR AL-BAKER HOTEL TOWERS:
  - The project covers the conversion of two high-rise office buildings into two five- star hotel towers. It also comprises the extension of podium levels in both towers to create more space for leisure facilities. Hotel Tower 1 (203 meters high) has a gross floor area of 27,707 m2 and a plot area of 4,445 m2. It comprises three basements, a ground floor, a mezzanine, and 52 floors. Hotel Tower 2 (190 meters high) has gross floor area of 37,805 m2 and a plot area of 5,320 m2. It comprises three basements, a ground floor, a mezzanine, and 47 floors.
- BU THELAH FARM BUILDINGS:
  - The farm consists of main villa and women majlis (2,810 m2); guest villa no.1 (700 m2); majlis and spa building (1,800 m2); formal majlis (1,600 m2); guest building (400 m2); mosque (250 m2); services (BOH) (750 m2); Emiri guard accommodation with approximate area of 500 m2; 8.3 km of internal roads; substation; and hard and soft landscaping (10 m) around the villas.

**Job title** : Electrical Design Engineer

**Job Description** :

- Designing and estimating loads for all electrical distribution systems in a project.
- Electrical load estimation I required as a preliminary calculation for the project.
- The detailed design includes lighting and power requirements for all spaces and equipment.
- Also includes designing of main and sub main power cables routing, substations layouts and developing electrical power (low and medium voltages) single line diagram.

**Employer** : Precision Consultant Engineer (PCE)

**Projects** :

- Lachinda Village (Egypt):
  - Infrastructure Design.
  - Electrical Design for Building.
  - Light Current Design.
- Sokhna Rest House (Egypt):
  - Electrical Design for Building.
  - Light Current Design.
- Gardenia Springs – Club House (Egypt):
  - Electrical Design.
  - Light Current Design.
- Marcyrl Pharmaceutical Factory (Egypt):
  - Electrical Design for Building.
- RESIDENTIAL APARTMENTS (OLD AIRPORT, QATAR):
  - Electrical Design for Building.
- Globetronics Factory:
  - Fire Alarm System Design.

**Job title** : Electrical Design Engineer

**Job Description** : 

- Responsible for the Electrical Design for the company's projects.
- Design Light Current Systems as: Fire Alarm System, Television System, Telephone System.

**Employer** : Dimensions Design Interior

**Projects** : 

- Mohsen Khater Compound:
  - Electrical Design.
- Gahraa Ambulance Station:
  - Make Modelling for Electrical and Light Current Systems.
- CARIBIAN (Egypt):
  - Make Electrical Design and Modelling.

**Job title** : Electrical Design Engineer

**Job Description** : 

- Responsible for the electrical design for company Projects using REVIT Program.
- BIM Modelling for Electrical Systems.
- Making Coordination with Mechanical Designs.

**Dates** : From Jun. 2013 till Mar. 2014

**Project** : Military Service